

4.3.1 2002 Commercial Energy End-Use Expenditure Splits, by Fuel Type (\$2002 billion) (1)

	Natural	Petroleum					Coal	Electricity	Total	Percent
	Gas	Distil.	Resid.	LPG	Oth(2)	Total				
Lighting								30.4	30.4	25.4%
Space Heating	9.0	1.1	0.3		0.1	1.5	0.2	4.6	15.3	12.8%
Space Cooling	0.1							13.9	13.9	11.6%
Water Heating	3.8	0.4				0.4		3.2	7.4	6.2%
Electronics								7.1	7.1	5.9%
Ventilation								6.2	6.2	5.1%
Refrigeration								4.6	4.6	3.8%
Computers								3.1	3.1	2.6%
Cooking	1.7					0.0		0.7	2.4	2.0%
Other (3)	1.8	0.1		1.2	0.6	1.9		7.0	10.7	9.0%
Adjust to SEDS (4)	4.1	1.3				1.3		13.3	18.7	15.6%
Total	20.4	3.0	0.3	1.2	0.7	5.2	0.15	94.1	119.9	100%

Note(s): 1) Excludes expenditures from buildings-related energy consumption in the industrial sector. Expenditures include coal and exclude wood (unlike Table 4.1.2). 2) Includes kerosene space heating (\$0.1 billion) and motor gasoline other uses (\$0.6 billion). 3) Includes service station equipment, automated teller machines, medical equipment, telecommunications equipment, pumps, lighting, emergency electric generators, and manufacturing performed in commercial buildings. 4) Expenditures related to an energy adjustment EIA uses to relieve discrepancies between data sources. Energy attributable to the commercial buildings sector, but not directly to specific end-uses.

Source(s): EIA, Annual Energy Outlook 2004, Jan. 2004, Table A2, p. 134-136, Table A3, p. 137-138 for prices, and Table A5, p. 141-142 for commercial energy consumption; EIA, National Energy Modeling System for AEO 2004, March 2004; EIA, State Energy Data Report 2000, April 2003, p. 24-25 for coal and minor petroleum prices; EIA, Annual Energy Review 2002, Oct. 2003, Appendix D, p. 353 for price deflators; BTS/A.D. Little, Energy Consumption Characteristics of Commercial Building HVAC Systems, Volume II: Thermal Distribution, Auxiliary Equipment, and Ventilation Oct. 1999, p. 1-2, 5-25 and 5-26 for ventilation; and BTP/Navigant Consulting, U.S. Lighting Market Characterization, Volume I, Sept. 2002, Table 8-2, p. 63.